

Title (en)
SYSTEM AND METHOD FOR FLUID METERING

Title (de)
SYSTEM UND VERFAHREN ZUR FLUIDMESSUNG

Title (fr)
SYSTÈME ET PROCÉDÉ DE DOSAGE DE FLUIDE

Publication
EP 3312573 B1 20220406 (EN)

Application
EP 17197268 A 20171019

Priority
US 201615332757 A 20161024

Abstract (en)
[origin: EP3312573A1] A system (100) for metering gas a fluid stream includes a primary conduit (105) and a secondary conduit (122) coupled to the primary conduit such that the secondary conduit receives a portion of a fluid stream passing through the primary conduit. A flow manager (108) disposed in the primary conduit is configured to maintain a predetermined relationship between at least one first physical characteristic of the fluid stream and at least one second physical characteristic of the portion of the fluid stream. A sensor (110) measures a flow characteristic of the portion of the fluid stream and a processor (112) determines a flow parameter of the fluid stream based, at least in part, on the predetermined relationship and one of an amplitude or temporal characteristic of the electrical signal.

IPC 8 full level
G01F 1/32 (2022.01); **G01F 1/684** (2006.01); **G01F 5/00** (2006.01); **G01F 25/00** (2022.01)

CPC (source: EP)
G01F 1/3259 (2022.01); **G01F 1/6842** (2013.01); **G01F 5/00** (2013.01); **G01F 25/10** (2022.01)

Cited by
AT524543A4; AT524543B1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3312573 A1 20180425; **EP 3312573 B1 20220406**; CA 2982093 A1 20180424; JP 2018091830 A 20180614

DOCDB simple family (application)
EP 17197268 A 20171019; CA 2982093 A 20171012; JP 2017198141 A 20171012